ABSTRACT OF THE DISCLOSURE

A fax-aware telephone for handling facsimile transmissions over a computer network, such as the Internet, that includes a facsimile processing unit for handling an incoming or outgoing facsimile call, a voice processing unit for handling an incoming or outgoing voice call, a memory unit for storing an incoming facsimile transmission, and a file transfer protocol client for transferring a facsimile transmission to the computer network, an external storage device, or to a printer driver. The fax-aware telephone handles a facsimile call and a voice call together over a single data line from a computer network.